

ABSTRACT OF THE DISCLOSURE

The present invention provides an anode electrode for a secondary battery. The anode electrode is characterized in that the anode layer thickness is 30 μm or less, and that there is used, as an anode material, at least one of: oxide, sulfide and
5 salt of metal which forms an alloy with lithium; and boron-added carbon. Adoption of the anode electrode of the present invention allows to obtain a lithium ion secondary battery which is capable of avoiding deposition of lithium even by high-speed discharge and charge with a larger electric current and which has a higher energy density.